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circular queue overflow end

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### Architecture for high performance management of multiple **circular** FIFO storage means

MM Colmant, RW Krug, AA Smith - US Patent 5,519,701, 1996 - Google Patents

... programmable signals for managing multiple **circular** FIFO storage ... FIFO neither underruns nor **overflows**, which could ... arbitration provided by the **queue** manager 10 ...

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### Run-time monitoring of real-time systems

SE Chodrow, F Jahanian, M Donner - Real-Time Systems Symposium, 1991. Proceedings., Twelfth, 1991 - [ieeexplore.ieee.org](#)

... of event e, given an index i relative to the beginning or **end** of the ... Each event data structure consists of a finite length **circular queue** of times (and values ...

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### Hardware-assisted replay of multiprocessor programs

DF Bacon, SC Goldstein - Proceedings of the 1991 ACM/ONR workshop on Parallel and ..., 1991 - [portal.acm.org](#)

... through high-level objects like monitors and message **queues** which already incur the performance overhead ... **end** of the first interval, since they are guaranteed ...

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### Anatomy of a Message in the Alewife Multiprocessor- [►psu.edu \(pdf\)](#)

J Kubiawicz, A Agarwal - Proceedings of the 7th international conference on ..., 1993 - [portal.acm.org](#)

... Space Request Requested descriptor space exists, Network **Overflow** Network output **queue** has been clogged for an extended period. Table 2: Network Interrupts ...

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### Dynamic resource allocation and supervision with the programming language MODULA

IC Ward - The Computer Journal, 1980 - Br Computer Soc

... processes held in a **circular queue** for a ... 1024\*100) {100K storage say} **end queue**; process scheduler ... of integer; index: integer; underflow, **overflow**: exception **end** ...

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### Method and apparatus for writing and reading entries in an event status **queue** of a host memory

P Ecclesine... - US Patent 5,774,745, 1998 - Google Patents

... in this example, gathered data, and **circular queue** operations in ... contents of the event status **queue** in which ... the bus 12, which miscounter **overflow**, as examples ...

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### System permitting peripheral interchangeability during system operation

BE Newman, SD DiPirro - US Patent 4,862,355, 1989 - Google Patents

... 4,797,608) The PR Box uses a system with **circular queues** and Tri-State Function Indicator ... a ..., predetermined amount, this is used to sense the **end** of a ...

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### Cranium: An interface for message passing on adaptive packet routing networks- [►psu.edu \(pdf\)](#)

NR McKenzie, K Bolding, C Ebeling, L Snyder - Lecture Notes in Computer Science, 1994 - Springer

... called the start pointer (SP), the **end** pointer (EP ... memory is organized as a **circular** buffer that ... was nonzero, then Cranium signals **queue overflow** and interrupts ...

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### Data processing system and method for packetizing data from peripherals

BE Newman - US Patent 5,123,091, 1992 - [Google Patents](#)

... 16, 1992 Sheet 14 of 16 5,123,091 **END-MSG 515** ... INDICATE ANOTHER PACKET ADDRESS IS IN **QUEUE** , - INDICATE WE ... PR box uses a system with **circular queues** and cations ...

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### Calendar queues: a fast O(1) priority **queue** implementation for the simulation event set problem

R Brown - Communications of the ACM, 1988 - [portal.acm.org](#)

... structure, but does not require an **overflow** list and ... 2. THE CALENDAR **QUEUE** One schedules an event on a ... from the present date by making the calendar **circular**. ...

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### Communication protocol

BE Newman, RA White, SD DiPirro - US Patent 4,860,292, 1989 - [Google Patents](#)

... The PR box uses a system with **circular queues** and buffers to buffer incoming and ... bytes exceeds a predetermined amount, this is used to sense the **end** of a ...

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### Basic techniques for the efficient coordination of very large numbers of cooperating sequential ...-

► [psu.edu \(pdf\)](#)

A Gottlieb, BD Lubachevsky, L Rudolph - ACM Transactions on Programming Languages and Systems ( ...), 1983 - [portal.acm.org](#)

... However, the **circular** array structure allows the {unlikely} possibility that ... of I and D modulo the **queue** size ... **overflows** if the result of an **overflow** is accurate ...

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### Design and evaluation of the rollback chip: special purpose hardware for Time Warp

RM Fujimoto, JJ Tsai, GC Gopalakrishnan - IEEE Transactions on Computers, 1992 - [ieeexplore.ieee.org](#)

... most recent version of line 1 is found by searching row 1 of the written bit array starting at WB[I,CMF] until a set bit is found. **end** INIT; ...

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### [CITATION] A MICROCOMPUTER INTERNAL SPOOLING SYSTEM

WD Maurer - Tools for Improved Computing in the 80's: Seventeenth Annual ..., 1978 - Association for Computing Machinery

[Related articles](#) - [Web Search](#)

### Method of packetizing data

BE Newman - EP Patent 0,303,991, 1994 - [freepatentsonline.com](#)

... **queue** thus again demonstrating the use of **circular queues** in PR ... it gets too much data, and **overflows** its **queue**. ... and warn the host on a **queue overflow** condition ...

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### StarT-Jr: A parallel system from commodity technology- ► [kfupm.edu.sa \(pdf\)](#)

JC Hoe, M Ehrlich - Correct Models of Parallel Computing, 1997 - [books.google.com](#)

... The **circular** huffers use the standard convention of ... preferentially services the higher priority **queue** first. ... huffer is guaranteed not to **overflow**.) Thus, for ...

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### Method for controlling the variable baud rate of peripheral devices

BE Newman - US Patent 5,230,071, 1993 - [Google Patents](#)

... REG=GREEN 401 FOR i=0 TO 7 DO BEGIN IFRECEIVEJUEUE(i) IS NOT EMPTY THEN TRANSMIT

QUEUE(i)-RECEIVE **QUEUE** (i) ENDJOUR FOR i=0 TO 7 DO BEGIN IFTRANSMITJUEUE(i) IS ...

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[AP1000+: architectural support of PUT/GET interface for parallelizing compiler](#)

K Hayashi, T Doi, T Horie, Y Koyanagi, O Shiraki, ... - ACM SIGPLAN Notices, 1994 - portal.acm.org

... The **end** of communication is detected using flags for each node, which are incremented at data receipt completion, and by barrier synchronization. ...

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[System permitting peripheral interchangeability](#)

BE Newman, SD Dipirro - EP Patent 0,310,788, 1996 - freepatentsonline.com

... **queue** thus again demonstrating the use of **circular queues** in PR ... it gets too much data, and **overflows** its **queue**. ... and warn the host on a **queue overflow** condition ...

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[doc] ► [Audio mixing for interactive multimedia communications- Full Text@IngentaConnect](#)

AJ González, H Abdel-Wahab - JCIS, 1998 - mateo.elo.uffsm.cl

... 16-bit precision, two audio streams could easily **overflow** some mixed ... Compute position into the **circular** mixing buffer `*/. aux = (LastPacket[queue]%MAX_QUEUES)*P ...`

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[DMA controller having multiple channels and buffer pool having plurality of buffers accessible to ...](#)

GL Leger, BR Benjaram, PR Carpenter, GL Schaps, JA ... - US Patent 5,765,023, 1998 - Google Patents

... COMPLETE NOTIFY SW OF RECEIVE BUFFER **OVERFLOW** CONDITION NEGOTIATE ... MAY RECEIVE NEW PACKETS AFTER THE **END** OF THIS ... does not need its own **circular queue** and pointer ...

[Cited by 9](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[CITATION] [Issues in Multimedia scaling: the MPEG Video Streams Case](#)

OEHAL Toutain - Proceedings, 1996 - IEEE

[Related articles](#) - [Web Search](#)

[The performance of the FODA/IBEA satellite access scheme measured on the ITALSAT satellite](#)

N Celandroni, E Ferro, F Potorti, N CNUCE, R ... - Digital Satellite Communications, 1995., Tenth International ..., 1995 - ieeexplore.ieee.org

... data or to avoid an **overflow** when delayed or early arrive, respectively. The penalty for the jitter absorption is that there is an additional **end-to-end** ...

[Cited by 6](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)

[Translation lookaside buffer consistency: a software approach- ► kfupm.edu.sa \[pdf\]](#)

DL Black, RF Rashid, DB Golub, CR Hill - ACM SIGARCH Computer Architecture News, 1989 - portal.acm.org

... cpu): `queue_action(cpu, pmap, start, end)`; action-needed to pul ... for efficiency reasons in the absence of update **queue overflow**. ... it provides a **circular** buffer of ...

[Cited by 57](#) - [Related articles](#) - [Web Search](#) - [All 11 versions](#)

[Issues in multimedia scaling: the MPEG video streams case](#)

O Eliloumi, H Affifi, L Toutain - Emerging Technologies and Applications in Communications, ..., 1996 - ieeexplore.ieee.org

... on two complementary techniques: **Circular** Buffers and ... in response to network overload or data buffers **overflow**. ... accomplished in **end** user system **queues** or in ...

[Related articles](#) - [Web Search](#)

[DMA controller arrangement having plurality of DMA controllers and buffer pool having plurality of ...](#)

G Leger, BR Benjaram, PR Carpenter, GL Schaps, JA ... - US Patent 5,761,799, 1998 - Google Patents

... NOTIFY SW OF RECEIVE BUFFER **OVERFLOW** CONDITION NEGOTIATE ... RECEIVE NEW PACKETS AFTER THE **END** OF THIS ... DMA buffer management schemes: **circular queue** and linked ...

[http://scholar.google.com/scholar?num=30&hl=en&lr=&q=circular+queue+overflow+end&as\\_yl...](http://scholar.google.com/scholar?num=30&hl=en&lr=&q=circular+queue+overflow+end&as_yl...) 4/29/2009